

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: ) Docket No.: 34035US (KDK)  
SUGHRUE, Edward L. )  
Serial No.: 10/607,043 ) Group Art: 1764  
Filed: 06/26/2003 )  
Title: DESULFURIZATION WITH ) Examiner: DOUGLAS, John C.  
OCTANE ENHANCEMENT )  
Customer No.: 46849

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

This Response is submitted in response to the Office Action of October 30, 2006, and entry into the above-identified application is requested. This Response includes the following sections:

**Listing of the Claims** being on page 2 of this paper.

**Remarks** begin on page 16 of this paper.